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FORM PTO 1449 U.S. DEPARTMENT (RPV 788) PATENT AND TRA					APPLICATION NO.							
				MARK OFFICE	310121.404 10/620,726							
	01	TO NEW MATION DISCLOSURE STATEMENT				APPLICANT Charles L. Gray, Jr.						
AUG 0 3 2005 INSTRMATION DISCLOSURE			(Use several sheets if nec	essary)		FILING DATE		GROUP ART UNIT				
N 527					July 15, 2003		3618	3618				
ATEM &	TRAD			U.S.	PATENT I	DOCUMENTS						
*EXAMIN INITIA	VER		DOCUMENT NUMBER	DATE		NAME	CLA	ss	SUBCLASS	FILING IF APPRO		
Pol	A 2,875,701 03/03/59 Ebert		Ebert		103		162					
j		AB	2,956,407	10/18/60	Grabow		60		53			
		AC	3,081,647	03/19/63	Blenkle		74		710.5			
		ΑD	3,442,181	05/06/69	Olderaan		92		57			
		ΑĒ	3,760,692	09/25/73	Molly		91		505			
		AF	3,900,075	08/19/75	Chicheste	r et al.	180		6.3			
		AG	4,018,052	04/19/77	Lausserm	air	60		414			
		ΑН	4,075,843	02/28/78	Leker		60		487	<u></u>		
		Al	4,098,083	07/04/78	Carman		60		414			
		AJ	4,098,144	07/04/78	Besel et a	74		687				
		AK	4,129,102	12/12/78	van der L	ely	123		51 B			
		AL	4,223,532	09/23/80	Shiber .		60		414			
		AM	4,252,508	02/24/81	Forster		417		429			
		AN	4,285,303	08/25/81	Leach		123		51 BA			
BA AO 4,48		4,487,108	12/11/84	McLuen		91		504				
				FOREI	GN PATE	NT DOCUMENTS						
			DOCUMENT NUMBER	DATE		COUNTRY				TRANSL YES	ATION NO	
B	A	AP	325587	12/31/57	СН							
1		AQ	992,334	05/19/65	GB							
		AR	1 528 469	04/29/71	DE							
V	′	AS	2 101 963	07/20/72	DE							
B	A	ΑТ	26 49 127	05/03/78	DE (+ Ab	stract in English)						
	OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)											
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* EXAM	* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in											
	conformance and not considered. Include popy of this form with next communication to applicant(s).											

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	IN	NFORMATION DISCLOSURE (Use several sheets if nec		ENT		}	Charles L. Gray, Jr.					
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U.S. PATENT DOCUMENTS												
*EXAMINER INITIAL		DOCUMENT NUMBER	DA	ATE			NAME	CLA	ss	SUBCLASS	FILING IF APPRO	DATE OPRIATE
PA	ВА	4,495,768	01/29	9/85	Valavaa	ıra		60		414		
	ВВ	4,669,267	06/02	2/87	Greenho	ow	· · · · · · · · · · · · · · · · · · ·	60		490	<u></u>	
	вс	4,747,266	05/31	1/88	Cadée			60		325	ļ	
	BD	4,770,084	09/13	3/88	Miwa e	t al	l.	91		501	<u></u>	
	BE	4,813,234	03/21	1/89	Nikolau	18	· · · · · · · · · · · · · · · · · · ·	60		484	<u></u>	
	BF	4,872,394	10/10)/89	Nakaga	wa	et al.	91		506	!	
	BG	4,888,949	12/26	5/89	Rogers			60		434		
	вн	5,403,244	04/04	1/95	Tankers	sley	et al.	477		20		
	ВІ	5,406,794	04/18	3/95	Litz	Litz		60		483		
	ВЈ	5,435,794	07/25	07/25/95 Mori et al.			475		343			
	вк	5,495,912	03/05	5/96	Gray, Jr	r. e	t al.	180		165		
	BL	5,505,527	04/09	€/96	Gray, Jr	r. e	t al.	303		3		
	ВМ	5,507,144	04/16	5/96	Gray, Jr	r. e	t al.	60		327		
	BN	5,549,087	08/27	7/96	Gray, Jr	r. e	t al.	123		254		
<u> </u>	во	5,562,079	10/08	3/96	Gray, Jr	ſ .		123		276		
BA	ВР	5,579,640	12/03	3/96	Gray, Jr	:. e	t al.	60		413		_
			F	OREI	GN PAT	EN	T DOCUMENTS		-			
		DOCUMENT NUMB	3ER	Γ	DATE		COUNTR	Υ			TRANSL YES	ATION NO
BA	BQ	0 417 820 B1		06/21/91 E		EF	EP					
1	BR	2001-47287		02/2	0/01	JP (+ Abstract in English)						
	BS	1 092 870 A2		04/1	04/18/01 E		EP					
4	ВТ	1 114 948 A2		07/11/01 E		EP						
BA	BU	WO 01/51870 A	1 1	07/19	9/01	W	TPO					
		ОТНЕ	R PRI	OR A	RT (Includi	ing /	Author. Title, Date, Pertinent Pag	ges, Eic.))			
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FORM PTO-144 (REV.7-80)	9		DEPARTMENT OF				APPLICATION NO. 10/620,726			
					APPLICANT	······································				
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLA	SS SUBCLASS	FILING DATE IF APPROPRIATE		
BA c		5,599,163	02/04/97	Heath et a	1.	415	55.1			
	СВ	5,609,131	03/11/97	Gray, Jr. e	et al.	123	299			
	сс	5,611,300	03/18/97	Gray, Jr.		123	48 A			
	CD	5,617,823	04/08/97	Gray, Jr. e	et al.	23	254			
	CE	5,802,851	09/08/98	Krantz	<u></u>	60	487			
	CF	5,827,148	10/27/98	Seto et al.		477	15			
	CG	5,845,732	12/08/98	Taniguchi	et al.	180	65.6			
	СН	5,887,674	03/30/99	Gray, Jr.		180	307			
	CI	5,967,927	10/19/99	Imamura et al.		475	83			
	Cì	5,971,092	10/26/99	Walker		180	308			
	ск	6,107,761	08/22/00	Seto et al.		318	139			
	CL	6,170,524	01/09/01	Gray, Jr.		137	625.18			
	СМ	6,186,126	02/13/01	Gray, Jr.		123	557			
	CN	6,189,493	02/20/01	Gray, Jr.		123	52.4			
	со	6,202,416	03/20/01	Gray, Jr.		60	620			
	СР	6,213,727	04/10/01	Kawaguch	ni	417	222.2			
	cQ	6,216,462	04/17/01	Gray, Jr.		60	616			
	CR	6,260,468	07/17/01	Ryken et a	ıl	91	506			
BA	cs	6,272,950	08/14/01	Braun et a	l	74	731.1			
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLAS	SS SUBCLASS	FILING IF APPRO		
PA	DA	6,283,009	09/04/01	Hayashi e	t al.	92	71			
	DB	6,301,888	10/16/01	Gray, Jr.		60	605.2			
	DC	6,301,891	10/16/01	Gray, Jr.		60	616			
	DD	6,358,174	03/19/02	Folsom et	al.	475	72			
	DE	6,375,592	04/23/02	Takahashi	et al.	475	262			
	DF	6,415,607	07/09/02	Gray, Jr.		60	616			
	DG	6,499,549	12/31/02	Mizon et a	al.	180	65.6			
<u> </u>	DH	6,575,872	06/10/03	Gluck et a	ıl.	477	68			
	DI	6,626,785	09/30/03	Pollman		475	82			
	DJ	6,628,021	09/30/03	Shinohara	et al.	310	68 B			
	DK	2002/0094909	07/18/02	Gluck et a	d.	477	52			
	DL	2003/0207733	11/06/03	Ishimaru e	et al.	475	83			
	DM	2004/0011031	01/22/04	Gray, Jr.		60	325			
W	DN	2004/0173089	09/09/04	Gray, Jr. e	et al.	91	505			
BA	DO	2004/0178635	09/16/04	Gray, Jr.		290	40 C			
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